



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jorge L. Orbay

SERIAL NO.: 10/016,457

FILED: November 1, 2001

FOR: Locking device for
intramedullary pin fixation

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

SUBMITTAL OF DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

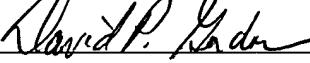
Pursuant to applicant's duty of disclosure under 37 CFR Section 1.56, enclosed is a completed form PTO-1449 as well as copies of the cited documents which relate to the above-referenced patent application. Since this document submittal is being presented prior to the first examination on the merits, no fee is due herewith.

German Patent DE 3924610A1 to Georges discloses a bone fracture distraction pin appts.

The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's attorney and may be considered by the Examiner to be material to his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein.

3731 #2
Distr. Ad
S. Bixler
3/21/02

RECEIVED
TECHNOLOGY CENTER 3700
MAR 18 2002
GROUP ART UNIT: 3731
EXAMINER:
ATT'Y DOCKET: HAN-006
Reg. No. 29,996

I hereby certify that this correspondence is being deposited on this day with the United States Postal Service as first class mail in an envelope addressed to : Commissioner of Patents and Trademarks, Washington, D.C. 20231.
 
David P. Gordon
Reg. No. 29,996
Date

Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,



David P. Gordon
Reg. #29,996
Attorney for Applicant(s)

65 Woods End Road
Stamford, CT 06905
(203) 329-1160

DERWENT-ACC-NO: 1990 92419

DERWENT-WEEK: 199013

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Bone fracture distraction pin appts. - has long forked and short hooked pin clamped together at ~~free~~ ends

INVENTOR: GEORGES, J

PATENT-ASSIGNEE: GEORGES J[GEORI]

PRIORITY-DATA: 1988DE-0009715 (July 28, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
DE 3924610 A	March 22, 1990	N/A	008
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-
DATE			
DE 3924610A	N/A	1989DE-3924610	July 22,
1989			

INT-CL_(IPC): A61B017/58

ABSTRACTED-PUB-NO: DE 3924610A

BASIC-ABSTRACT: The distraction-pin appts. is for use with bone fractures. It comprises a first pin (1,2) with forked end (3,4), and longer than a second one (9) with hook end (10).

A common clamp (21-26) locks the free ends of the pins in position in relation to each other. This can comprise tension - and compression-load stops for the short and long pins respectively.

USE/ADVANTAGE - Distraction pin appts. for reducing bone fractures is usable in marrow cavity.

CHOSEN-DRAWING: Dwg.1,5/9

TITLE-TERMS:

BONE FRACTURE DISTRACTION PIN APPARATUS LONG FORK SHORT HOOK PIN CLAMP FREE END

DERWENT-CLASS: P31

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-071346